

PMK

AUG 18 1969

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of 7/3

TO: W. M. SIROLA

FROM: F. CHOW

SUBJECT: Glenlyon Project Progress Report,  
Period Ending August 8th, 1969.

J.H.S.	
P.M.K.	✓
R.D.S.	
E.C.B.	
I.D.B.	
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During the past week the field crews have been working in the Tay River area. One party in the 105-K/3 map-area and two parties in the 105-K/4 area. As mentioned in the previous report, the field crews are placed in favourable magnetic and geologic areas.

Nothing of interest has been found yet in the 105-K/4 map-area.

?

An interesting "situation" is developing around a sphalerite showing located at 62° 5.1' lat., and 133° 11' long.

This find was made by Party #2, Ned Reid and Robin Turner.

The showing is located on the west bank of a creek and measures about 10' x 15'. The host rock is an altered, black-coloured sediment, massive and fine-grained. It appears to be a graphitic rock but not schistose. The area on the west hillside is composed of a quartzose silty limestone. The immediate area to the showing is of similar rock but containing a high percentage of a dark, finely disseminated mineral - graphite? .

The sphalerite is medium brown, fine-grained, and occurs as disseminations. Another black mineral was thought to be "black jack" but the assay from the Whitehorse Assay Office return only a trace of zinc (?). A few crystals of galena is recognizable. The host rock

contains a few specks of pyrite and is non-magnetic.

The showing shows medium and dark brown rust and is partly leached.

Fairly fresh specimens were chosen for assay. Of the two samples sent in both show 0.3% Pb, 0.1 and Trace Zn, and trace of Cu. A full assay report is being sent today.

The area is on the semi-circular magnetic anomaly found by our air-magnetic survey.

A circular pattern of soil sampling was conducted around the magnetic anomaly. Twenty-one samples composing of 16 soils and 5 silts were collected in a circle of about 7,000 feet in diameter. Of these, 19 showed 100 - 300 ppm Zn, 18 - 80 ppm Pb, and 10 - 69 ppm Cu.

Grid sampling with 400-foot spacing on lines 2000 feet long and 400 feet apart was conducted. One line just east of the creek and the second 400' east; the third and fourth lines 400' and 800' west of the creek respectively. Similar but not as consistent values were obtained.

Present plan is to stake a block of 72 mineral claims plus an adjoining block of 8 claims, a total of 80 claims. Additional claims are desirable, highly recommended and are urgently required to protect the ground.

So far, we have only a small showing and an impressive geo-chemical anomaly; although the latter needs some high Pb-Zn values to cinch it.

A crash program of geochemical sampling is proposed to outline the mineralization. This will be done immediately following the completion of the staking of the 80 mineral claims. All three crews will be moved into the area.

Staking will be done in each individuals' name to avoid alerting the outside interest. Our main concern at present is to locate the core and to find out the extent of the mineralization.

Funds for recording of ~~the~~ mineral claims are requested at the Whitehorse bank account.

I shall know the geochemical plans for the above area completed tonight and shall mail them on the next available truck.

I am enclosing the geochemical plans of the Glenlyon area; ones which were to be sent a few days ago. Please make three copies of each for the field office and return the originals.

Mail truck is leaving. Shall continue further in my next report tonight.

(signed)

Fred.

FC/1k